

WHAT IS CLAIMED IS:

1. A press punch for fabricating compacts comprising:
an upper guide section defining an aperture for receiving a first tablet punch;
a threaded adjuster operatively coupled to a second tablet punch;
a die; and
a lower guide section defining a passage, said passage having a first profile, for receiving said die, and a second profile, for threadably engaging said threaded adjuster;
wherein the upper guide section and the lower guide section are adapted and configured to cooperate with each other in a manner to sealingly enclose said die.
2. The press punch as recited in Claim 1, wherein said second tablet punch is movable with respect to said threaded adjuster.
3. The press punch as recited in Claim 2, wherein the threaded adjuster defines an adjuster recess.
4. The press punch as recited in Claim 3, further comprising a tablet ejection plug.
5. The press punch as recited in Claim 4, wherein the tablet ejection plug is adapted and configured to couple within said adjuster recess.
6. The press punch as recited in Claim 5, wherein upon coupling of the ejection plug into the adjuster recess said second tablet punch moves with respect to said threaded adjuster.
7. An enclosed press punch assembly for creating small compacts from small quantities of material, comprising:
an integral guide section having an upper end and a lower end surface, said integral guide section defining a recess;

a die having a top surface and a bottom surface adapted and configured to sealingly fit within a medial portion of said recess of said integral guide section;

a movable upper punch adapted and configured to sealingly fit within said recess of said integral guide section from said upper end surface to said top surface of said die; and

a movable lower punch adapted and configured to sealingly fit within said recess from said lower end surface to said bottom surface of said die.

8. A press punch for fabricating compacts comprising:

an upper guide section defining an aperture for receiving a first tablet punch;

a selectively positionable adjuster operatively coupled to a second tablet punch;

a die; and

a lower guide section defining a passage, said passage having a first profile, for receiving said die, and a second profile, for engaging said selectively positionable adjuster

wherein the upper guide section and the lower guide section are adapted and configured to cooperate with each other in a manner to sealingly enclose said die.

9. The press punch as recited in Claim 8, wherein said second tablet punch is movable with respect to said selectively positioned adjuster.

10. The press punch as recited in Claim 9, wherein the selectively positioned adjuster defines an adjuster recess.

11. The press punch as recited in Claim 10, further comprising a tablet ejection plug.

12. The press punch as recited in Claim 11, wherein the tablet ejection plug is adapted and configured to couple within said adjuster recess.

13. The press punch as recited in Claim 12, wherein upon coupling of the ejection plug into the adjuster recess, said second tablet punch moves with respect to said selectively positionable adjuster.